

## ABSTRACT

A point to multipoint messaging system includes utilizing the FM 57 kHz Radio Broadcast Data System (RBDS) standard and a novel receiver. A single broadcast source sends messages from multiple senders, in a variety of manners including automatically and semi-automatically, to a plurality of receivers who may select to receive or not to receive particular senders' messages. The receiver may be remotely programmable, and may institute actions upon receipt of predetermined stimuli such as a smoke alarm tone. Various automatic and semiautomatic message initiators could include water level detectors, burglar alarms, school bus locators.

09920177-100501